

2941 TAGTATAAAC AATGAAACAC CAGGGATTAG ATATCAATAT AATGTGCTGC CACAGGGATG
 3001 GAAAGGATCA CCAGCAATAT TCCAGAGTAG CATGACAAAA ATCTTAGAGC CCTTCAGAGC
 3061 AAAAAATCCA GACATAGTTA TCTATCAATA TATGGATGAC TTGTATGTAG GATCTGACTT
 3121 AGAAATAGGG CAACATAGAG CAAAAATAGA AGAGTTAAGG GAACATTTAT TGAATGGGG
 3181 ATTTACAACA CCAGACAAGA AACATCAAAA AGAACCCCCA TTTCTTTGGA TGGGGTATGA
 3241 ACTCCATCCT GACAAATGGA CAGTACAACC TATACTGCTG CCAGAAAAGG ATAGTTGGAC
 3301 TGTCAATGAT ATACAGAAGT TAGTGGGAAA ATTAACTGG GCAAGTCAGA TTTACCCAGG
 3361 GATTAAAGTA AGGCAACTCT GTAACTCCT CAGGGGGGCC AAAGCACTAA CAGACATAGT
 3421 ACCACTAAT GAAGAAGCAG AATTAGAATT GGCAGAGAAC AGGGAAATTT TAAGAGAACC
 3481 AGTACATGGA GTATATTATG ATCCATCAAA AGACTTGATA GCTGAAATAC AGAAACAGGG
 3541 GCATGAACAA TGGACATATC AAATTTATCA AGAACCATTT AAAAACTGA AAACAGGGAA
 3601 GTATGCAAAA ATGAGGACTA CCCACACTAA TGATGTAAAA CAGTTAACAG AGGCAGTGCA
 3661 AAAAAAGCC ATGGAAAGCA TAGTAATATG GGGAAAGACT CCTAAATTTA GACTACCCAT
 3721 CAAAAAGAA ACATGGGAGA CATGGTGGAC AGACTATTGG CAAGCCACCT GGATCCCTGA
 3781 GTGGGAGTTT GTTAATACCC CTCCCCTAGT AAAATTATGG TACCAACTAG AAAAAGATCC
 3841 CATAGCAGGA GTAGAACTT TCTATGTAGA TGGAGCAACT AATAGGGAAG CTAATAATAGG
 3901 AAAAGCAGGG TATGTTACTG ACAGAGGAAG GCAGAAAATT GTTACTCTAA CTAACACAAC
 3961 AAATCAGAAG ACTGAGTTAC AAGCAATTCA GCTAGCTCTG CAGGATTCAG GATCAGAAGT
 4021 AAACATAGTA ACAGACTCAC AGTATGCATT AGGAATCATT CAAGCACAAC CAGATAAGAG
 4081 TGACTCAGAG ATATTTAACC AAATAATAGA ACAGTTAATA AACAAGGAAA GAATCTACCT
 4141 GTCATGGGTA CCAGCACATA AAGGAATTGG GGGAAATGAA CAAGTAGATA AATTAGTAAG
 4201 TAAGGGAATT AGGAAAGTGT TGTTCCTAGA TGGAAATAGAT AAAGCTCAAG AAGAGCATGA
 4261 AAGGTACCAC AGCAATTGGA GAGCAATGGC TAATGAGTTT AATCTGCCAC CCATAGTAGC
 4321 AAAAGAAATA GTAGCTAGCT GTGATAAATG TCAGCTAAAA GGGGAAGCCA TACATGGACA
 4381 AGTCGACTGT AGTCCAGGGA TATGGCAATT AGATTGTACC CATTTAGAGG GAAAAATCAT
 4441 CCTGGTAGCA GTCCATGTAG CTAGTGGCTA CATGGAAGCA GAGGTTATCC CAGCAGAAAC
 4501 AGGACAAGAA ACAGCATATT TTATATTAAA ATTAGCAGGA AGATGGCCAG TCAAAGTAAT
 4561 ACATACAGAC AATGGCAGTA ATTTTACCAG TACTGCAGTT AAGGCAGCCT GTTGGTGGGC
 4621 AGGTATCCAA CAGGAATTTG GAATTCCTTA CAATCCCCAA AGTCAGGGAG TGGTAGAATC
 4681 CATGAATAAA GAATTAAAGA AAATAATAGG ACAAGTAAGA GATCAAGCTG AGCACCTTAA
 4741 GACAGCAGTA CAAATGGCAG TATTCATTCA CAATTTTAAA AGAAAAGGGG GAATTGGGGG
 4801 GTACAGTGCA GGGGAAAGAA TAATAGACAT AATAGCAACA GACATACAAA CTAAAGAATT
 4861 AAAAAACAA ATTATAAGAA TTCAAATTT TCGGGTTTAT TACAGAGACA GCAGAGACCC
 4921 TATTTGGAAA GGACCAGCCG AACTACTCTG GAAAGGTGAA GGGGTAGTAG TAATAGAAGA
 4981 TAAAGGTGAC ATAAAGGTAG TACCAAGGAG GAAAGCAAAA ATCATTAGAG ATTATGGAAA
 5041 ACAGATGGCA GGTGCTGATT GTGTGGCAGG TGGACAGGAT GAAGATTAGA GCATGGAATA
 5101 GTTTAGTAAA GCACCATATG TATATATCAA GGAGAGCTAG TGGATGGGTC TACAGACATC
 5161 ATTTTGAAAG CAGACATCCA AAAGTAAGTT CAGAAGTACA TATCCCATTA GGGGATGCTA
 5221 GATTAGTAAT AAAACATAT TGGGGTTTGC AGACAGGAGA AAGAGATTGG CATTTGGGTC
 5281 ATGGAGTCTC CATAGAATGG AGACTGAGAG AATACAGCAC ACAAGTAGAC CCTGACCTGG
 5341 CAGACCAGCT AATTCACATG CATTATTTTG ATTGTTTAC AGAATCTGCC ATAAGACAAG
 5401 CCATATTAGG ACACATAGTT TTTCTAGGT GTGACTATCA AGCAGGACAT AAGAAGGTAG
 5461 GATCTCTGCA ATACTTGGCA CTGACAGCAT TGATAAAACC AAAAAAGAGA AAGCCACCTC
 5521 TGCCTAGTGT TAGAAAATTA GTAGAGGATA GATGGAACGA CCCCAGAAG ACCAGGGGCC
 5581 GCAGAGGGAA CCATACAATG AATGGACACT AGAGATTCTA GAAGAACTCA AGCAGGAAGC
 5641 TGTCAGACAC TTTCTAGAC CATGGCTCCA TAGCTTAGGA CAATATATCT ATGAAACCTA
 5701 TGGGGATACT TGGACGGGAG TTGAAGCTAT AATAAGAGTA CTGCAACAAC TACTGTTTAT
 5761 TCATTTTCTA ATTGGATGCC AACATAGCAG AATAGGCATC TTGCGACAGA GAAGAGCAAG
 5821 AAATGGAGCC AGTAGATCCT AACTAAAGC CCTGGAACCA TCCAGGAAGC CAACCTAAAA
 5881 CAGCTTGTA TAATTGCTT TGCAAACT GTAGCTATCA TTGTCTAGTT TGCTTTCAGA

FIGURE 11 CONTINUED

5941	CAAAAGGTTT	AGGCATTTCC	TATGGCAGGA	AGAAGCGGAG	ACAGCGACGA	AGCGCTCCTC
6001	CAAGTGGTGA	AGATCATCAA	AATCCTCTAT	CAAAGCAGTA	AGTACACATA	GTAGATGTAA
6061	TGGTAAGTTT	AAGTTTATTT	AAAGGAGTAG	ATTATAGATT	AGGAGTAGGA	GCATTGATAG
6121	TAGCACTAAT	CATAGCAATA	ATAGTGTGGA	CCATAGCATA	TATAGAATAT	AGGAAATTGG
6181	TAAGACAAAA	GAAAATAGAC	TGGTTAATTA	AAAGAATTAG	GGAAAAGACA	GAAGACAGTG
6241	GCAATGAGAG	TGATGGGGAC	ACAGAAGAAT	TGTCAACAAT	GGTGGATATG	GGGCATCTTA
6301	GGCTTCTGGA	TGCTAATGAT	TGTAAACACG	GAGGACTTGT	GGGTCCACAGT	CTACTATGGG
6361	GTACCTGTGT	GGAGAGAAGC	AAAAACTACT	CTATTCTGTG	CATCAGATGC	TAAAGCATAT
6421	GAGACAGAAG	TGCATAATGT	CTGGGCTACA	CATGCTTGTG	TACCCACAGA	CCCCAACCCA
6481	CAAGAAATAG	TTTTGGGAAA	TGTAACAGAA	AATTTTAATA	TGTGGAAAAA	TAACATGGCA
6541	GATCAGATGC	ATGAGGATAT	AATCAGTTTA	TGGGATCAAA	GCCTAAAGCC	ATGTGTAAAG
6601	TTGACCCAC	TCTGTGTCAC	TTTAACTGT	ACAGATACAA	ATGTTACAGG	TAATAGAACT
6661	GTTACAGGTA	ATACAAATGA	TACCAATATT	GCAAAATGCTA	CATATAAGTA	TGAAGAAATG
6721	AAAAATTGCT	CTTTCAATGC	AACCAACAGAA	TTAAGAGATA	AGAAACATAA	AGAGTATGCA
6781	CTCTTTTATA	AACTTGATAT	AGTACCACCT	AATGAAAAATA	GTAACAACTT	TACATATAGA
6841	TTAATAAATT	GCAATACCTC	AACCATAACA	CAAGCCTGTC	CAAAGGTCTC	TTTTGACCCG
6901	ATTCTATAC	ATTACTGTGC	TCCAGCTGAT	TATGCGATTG	TAAAGTGTA	TAATAAGACA
6961	TTCAATGGGA	CAGGACCATG	TTATAATGTC	AGCACAGTAC	AATGTACACA	TGGAATTAAG
7021	CCAGTGGTAT	CAACTCAACT	ACTGTTAAAT	GGTAGTCTAG	CAGAAGAAGG	GATAATAATT
7081	AGATCTGAAA	ATTTGACAGA	GAATACCAA	ACAATAATAG	TACATCTTAA	TGAATCTGTA
7141	GAGATTAATT	GTACAAGGCC	CAACAATAAT	ACAAGGAAAA	GTGTAAGGAT	AGGACCAGGA
7201	CAAGCATTCT	ATGCAACAAA	TGACGTAATA	GGAAACATAA	GACAAGCACA	TTGTAACATT
7261	AGTACAGATA	GATGGAATAA	AACTTTACAA	CAGGTAATGA	AAAAATTAGG	AGAGCATTTT
7321	CCTAATAAAA	CAATAAAAATT	TGAACCACAT	GCAGGAGGGG	ATCTAGAAAT	TACAATGCAT
7381	AGCTTTAATT	GTAGAGGAGA	ATTTTTCTAT	TGCAATACAT	CAAACCTGTT	TAATAGTACA
7441	TACTACCCTA	AGAATTGGAT	ATACAAATAC	AATGGTAATT	CAAGCTTACC	CATCACACTC
7501	CAATGCAAAA	TAAAACAAAAT	TGTACGCATG	TGGCAAGGGG	TAGGACAAGC	AATGTATGCC
7561	CCTCCCATTG	CAGGAAAACAT	AACATGTAGA	TCAAACATCA	CAGGAATACT	ATTGACACGT
7621	GATGGGGGAT	TTAACAAACAC	AAACAACGAC	ACAGAGGAGA	CATTTCAGACC	TGGAGGAGGA
7681	GATATGAGGG	ATAACTGGAG	AAGTGAATTA	TATAAATATA	AAGTGGTAGA	AATTAAGCCA
7741	TTGGGAATAG	CACCCACTAA	GGCAAAAAGA	AGAGTGGTGC	AGAGAAAAAA	AAGAGCAGTG
7801	GGAATAGGAG	CTGTGTTTCT	TGGGTTCTTG	GGAGCAGCAG	GAAGCACTAT	GGGCGCAGCG
7861	TCAATAACGC	TGACGGTFACA	GGCCAGACAA	CTGTTGTCTG	GTATAGTGCA	ACAGCAAAGC
7921	AATTTGCTGA	AGGCTATAGA	GGCGCAACAG	CATATGTTGC	AACTCACAGT	CTGGGGCAT
7981	AAGCAGCTCC	AGGCGAGAGT	CCTGGCTATA	GAAAGATACC	TAAAGGATCA	ACAGCTCCTA
8041	GGGATTTGGG	GCTGCTCTGG	AAGACTCATC	TGCACCACTG	CTGTGCCTTG	GAACTCCAGT
8101	TGGAGTAATA	AATCTGAAGC	AGATATTTGG	GATAACATGA	CTTGGATGCA	GTGGGATAGA
8161	GAAATTAATA	ATTACACAGA	AACAATATTC	AGGTTGCTTG	AAGACTGCBA	AAACCAGCAG
8221	GAAAAGAATG	AAAAAGATT	ATTAGAATTG	GACAAGTGGG	ATAACTCTGTG	GAATTGGTTT
8281	GACATATCAA	ACTGGCTGTG	GTATATAAAA	ATATTTCATA	TGATAGTAGG	AGGCTTGATA
8341	GGTTTAAAGAA	TAATTTTTGTC	TGTGCTCTCT	ATAGTGAATA	GAGTTAGGCA	GGGATACTCA
8401	CCTTTGTCAT	TTCAGACCCCT	TACCCCAAGC	CCGAGGGGAC	TCGACAGGCT	CGGAGGAATC
8461	GAAGAAGAAG	GTGGAGAGCA	AGACAGAGAC	AGATCCATAC	GATTGGTGAG	CGGATTCTTG
8521	TCGCTTGCCCT	GGGACGATCT	GCGGAGCCTG	TGCCTCTTCA	GCTACCACCG	CTTGAGAGAC
8581	TTCATATTAA	TTGCAGTGAG	GGCAGTGGAA	CTTCTGGGAC	ACAGCAGTCT	CAGGGGACTA
8641	CAGAGGGGGT	GGGAGATCCT	TAAGTATCTG	GGAAGTCTTG	TGCAGTATTG	GGGTCTAGAG
8701	CTAAAAAAGA	GTGCTATTAG	TCCGCTTGAT	ACCATAGCAA	TAGCAGTAGC	TGAAGGAACA
8761	GATAGGATTA	TAGAATTGGT	ACAAAGAATT	TGTAGAGCTA	TCCTCAACAT	ACCTAGGAGA
8821	ATAAGACAGG	GCTTTGAGC	AGCTTTTGCTA	TAAAAATGGG	GGCAAGTGGT	CAAAACGCAG
8881	CATAGTTGGA	TGGCCTGCAG	TAAGAGAAAG	ATAGAGAAGA	ACTAGGCCAG	CAGCAGAGGG
8941	AGTAGGAGCA	GCGTCTCAAG	ACTTAGATAG	ACATGGGGCA	CTTACAAGCA	GCAACACAC

FIGURE 11 CONTINUED

9001 TGCTACTAAT GAAGCTTGTG CCTGGCTGCA AGCACAAGAG GAGGACGGAG ATGTAGGCTT
 9061 TCCAGTCAGA CCTCAGGTAC CTTTAAGACC AATGACTTAT AAGAGTGCAG TAGATCTCAG
 9121 CTTCTTTTTA AAAGAAAAGG GGGGACTGGA AGGGTTAATT TACTCTAGGA AAAGGCAAGA
 9181 AATCCTTGAT TTGTGGGTCT ATAACACACA AGGCTTCTTC CCTGATTGGC AAAACTACAC
 9241 ATCGGGGCCA GGGGTCCGAT TCCCACTGAC CTTTGGATGG TGCTTCAAGC TAGTACCAGT
 9301 TGACCCAAGG GAGGTGAAAG AGGCCAATGA AGGAGAAGAC AACTGTTTGC TACACCCTAT
 9361 GAGCCAACAT GGAGCAGAGG ATGAAGATAG AGAAGTATTA AAGTGGAAGT TTGACAGCCT
 9421 TCTAGCACAC AGACACATGG CCCGCGAGCT ACATCCGGAG TATTACAAAG ACTGCTGACA
 9481 CAGAAGGGAC TTTCCGCCTG GGACTTTCCA CTGGGGCGTT CCGGGAGGTG TGGTCTGGGC
 9541 GGGACTTGGG AGTGGTCACC CTCAGATGCT GCATATAAGC AGCTGCTTTT CGCTTGTA
 9601 GGGTCTCTCT CGGTAGACCA GATCTGAGCC TGGGAGCTCT CTGGCTATCT AGGGAACCCA
 9661 CTGCTTAGGC CTCAATAAAG CTTGCCTTGA GTGCTCTAAG TAGTGTGTGC CCATCTGTTG
 9721 TGTGACTCTG GTAAC TAGAG ATCCCTCAGA CCCTTTGTGG TAGTGTGGAA AATCTCTAGC
 9781 A

FIGURE 11 CONTINUED

09899575.070501

GTAGCGGGCCAAACAAAGGAGGCTCTTTTAGATACAGGAGCAGATGATACAGTACT
AGAAGAAATAAACTTGCCAGGAAAATGGAAACCAAAAATGATAGGAGGAATTGGA
GGTTTTATCAAAGTAAGACAGTATGATCAAATACTTATAGAAATTTGTGGAAAAAGG
GCTATAGGTACAGTATTAGTAGGACCTACACCTGTCAACATAATTGGAAGAAATCTG
TTGACTCAGCTTGGATGCACACTAAATTTTCCAATTAGCCCCATTGAACTGTACCA
GTAAAATTAAAGCCAGGAATGGATGGCCCAAAGGTTAAACAATGGCCATTGACAGA
AGAAAAAATAAAAGCATTAAACAGAAATTTGTGAGGAAATGGAGAAGGAAGGAAAA
ATTACAAAAATTGGGCCTGAAAATCCATATAACACTCCAGTATTTGCCATAAAGAAG
AAGGACAGTACAAAGTGGAGAAAATTAGTAGATTTTCAGGGAACTCAATAAAGAAG
TCAAGACTTTTGGGAAGTCCAATTAGGAATACCACACCCAGCAGGGTTAAAAAAGA
AAAAATCAGTGACAGTACTGGATGTGGGAGATGCATATTTTTCAGTCCCTTTAGATG
AGAGCTTCAGAAAATATACTGCATTCACCATACTAGTATAAACAATGAAACACCA
GGGATTAGATATCAATATAATGTTCTTCCACAGGGATGGAAAGGATCACCAGCAA
TATTCCAGAGTAGCATGACAAGAATCTTAGAGCCCTTTAGAACACAAAACCCAGAA
GTAGTTATCTATCAATATATGGATGACTTATATGTAGGATCTGACTTAGAAATAGGG
CAACATAGAGCAAAAATAGAGGAGTTAAGAGGACACCTATTGAAATGGGGATTTAC
CACACCAGACAAGAAACATCAGAAAGAACCCCCATTTCTTTGGATGGGGTATGAAC
TCCATCCTGACAAATGGACAGTACAGCCTATACAGCTGCCAGAAAAGGAGAGCTGG
ACTGTCAATGATATACAGAAGTTAGTGGGAAAGTTAAACTGGGCAAGTCAGATTTA
CCCAGGGATTAAAGTAAGGCAACTGTGTAAACTCCTTAGGGGAGCCAAAGCACTAA
CAGACATAGTGCCACTGACTGAAGAAGCAGAATTAGAATTGGCTGAGAACAGGGA
AATTCTAAAAGAACCAGTACATGGAGTATATTATGACCCATCAAAAGATTTAATAG
CTGAAATACAGAAACAGGGGAATGACCAATGGACATATCAAATTTACCAAGAACC
ATTTAAAAATCTGAGAACAGGAAAGTATGCAAAAATGAGGACTGCCCCACTAATG
ATGTGAAACAGTTAGCAGAGGCAGTGCAAAAGATAACCCAGGAAAGCATAGTAATA
TGGGGAAAAACTCCTAAATTTAGACTACCCATCCCAAAAGAAACATGGGAGACATG
GTGGTCAGACTATTGGCAAGCCACCTGGATTCTGAGTGGGAGTTTGTCAATACCCC
TCCCCTAGTAAAATTGTGGTACCAGCTGGAAAAAGAACCATAGTAGGGGCAGAAA
CTTTCTATGTAGATGGAGCAGCCAATAGGGAACTAAAATAGGAAAAGCAGGGTAT
GTCAGTGACAAAGGAAGGCAGAAAGTTGTTTCCTTCACTGAAACAACAAATCAGAA
GACTGAATTACAAGCAATTCAGCTAGCTTTGCAGGATTCAGGGCCAGAAGTAAACA
TAGTAACAGACTCACAGTATGCATTAGGAATCATTCAAGCACAACCAGATAAGAGT
GAATCAGAATTAGTCAGTCAAATAATAGAACAGTTGATAAAAAAGGAAAAAGTCTA
CCTATCATGGGTACCAGCACATAAAGGAATTGGAGGAAATGAACAAGTAGACAAAT
TAGTAAGTAGTGGAATCAGAAAAGTACTGTTTCTAGATGGAATAGATAAAGCTCAA
GAAGAGCATGAAAAATATCACAGCAATTGGAGAGCAATGGCTAGTGAGTTAATCT
GCCACCCATAGTAGCAAAGGAAATAGTAGCCAGCTGTGATAAATGTCAGCTAAAAG
GGGAAGCCATGCATGGACAAGTCGACTGTAGTCCAGGAATATGGCAATTAGACTGT
ACACATTTAGAAGGAAAAATCATCCTAGTAGCAGTCCATGTAGCCAGTGGCTACAT
GGAAGCAGAGGTTATCCCAGCAGAAACAGGACAAGAAACAGCATACTTTATACTAA
AATTAGCAGGAAGATGGCCAGTCAAAGTAATACATACAGATAATGGCAGTAATTTTC
ACCAGTACCGCAGTTAAGGCAGCCTGTTGGTGGGCAGATATCCAACGGGAATTTGG
AATTCCTACAATCCCCAAAGTCAAGGAGTAGTAGAATCCATGAATAAAGAATTAA

FIGURE 16 CONTINUED

AGAAAATCATAGGGCAAGTAAGAGATCAAGCTGAGCACCTTAAGACAGCAGTACAA
ATGGCAGTATTCATTACAAATTTTAAAAGAAAAGGGGGGATTGGGGGGTACAGTGC
AGGGGAGAGAATAATAGACATAATAGCATCAGACATACAACTAAAGAATTACAAA
AACAAATTATAAAAATTCAAAATTTTCGGGTTTATTACAGAGACAGCAGAGACCCTA
TTTGAAAGGACCAGCCAACTACTCTGGAAAGGTGAAGGGGCAGTAGTAATACAA
GATAATAGTGATATAAAGGTAGTACCAAGAAGGAAAGCAAAAATCATTAAAGGACTA
TGGAAAACAGATGGCAGGTGCTGATTGTGTGGCAGGTAGACAGGATGAAGATTAGA
ACATGGCACAGTTTAGTAAAGCACCATATGTATGTTTCGAGGAGAGCTGATGGATGG
TTCTACAGACATCATTATGAAAGCAGACACCCAAAAGTAAGTTCAGAAGTACACAT
CCCATTAGGAGATGCCAGGTAGTAATAAAAACATATTGGGGTCTGCAGACAGGAG
AAAGAGCTTGGCATTGTTGGGTACGGAGTCTCCATAGAATGGAGATTGAGAAGATAT
AGCACACAAGTAGACCCTGACCTGACAGACCACTAATTCATATGCATTATTTTGAT
TGTTTTGCAGAATCTGCCATAAGGAAAGCCATACTAGGACAGATAGTTAGCCCTAA
GTGTGACTATCAAGCAGGACATAACAAGGTAGGATCTCTACAATACTTGGCACTGA
CAGCATTGATAAAACCAAAAAAGATAAAGCCACCTCTGCCTAGTGTTAGGAAATTA
GTAGAGGATAGATGGAACAAGCCCCAGAAGACCAGGGGGCCGCAGAGGGAACCATA
CAATGAATGGACACTAGAGCTTTTAGAAGAACTCAAGCAGGAAGCTGTCAGACACT
TTCCTAGACCATGGCTCCATAACTTAGGACAACATATCTATGAAACCTATGGAGATA
CTTGGACAGGAGTTGAAGCAATAATAAGAATCCTGCAACAATTACTGTTTATTCATT
TCAGGATTGGGTGCCATCATAGCAGAATAGGCATTTTGCAGACAGAGAAGAGCAAGA
AATGGAGCCAATAGATCCTAACCTAGAACCCTGGAACCATCCAGGAAGTCAGCCTA
AAACTGCTTGTAATGGGTGTTACTGTAAACGTTGCAGCTATCATTGTCTAGTTTGCTT
TCAGAAAAAAGGCTTAGGCATTTACTATGGCAGGAAGAAGCGGAGACAGCGACGAA
GCGCTCCTCCAAGCAATAAAGATCATCAAGATCCTCTACCAAAGCAGTAAGTACCG
AATAGTATATGTAATGTTAGATTTAACTGCAAGAATAGATTCTAGATTAGGAATAGG
AGCATTGATAGTAGCACTAATCATAGCAATAATAGTGTGGACCATAGTATATATAG
AATATAGGAAATTGGTAAGGCAAAGGAAAATAGACTGGTTAGTTAAAAGGATTAGG
GAAAGAGCAGAAGACAGTGGCAATGAGAGCGAGGGGGATACTGAAGAATTATCGA
CACTGGTGGATATGGGGCATCTTAGGCTTTTGGATGCTAATGATGTGTAATGTGAA
GGGCTTGTGGGTACAGTCTACTACGGGGTACCTGTGGGGAGAGAAGCAAAAAT
ACTCTATTTTGTGCATCAGATGCTAAAGCATATGAGAAAGAAGTGCATAATGTCTG
GGCTACACATGCCTGTGTACCCACAGACCCCAACCCACAAGAAGTGATTTTGGGC
AATGTAACAGAAAATTTTAACATGTGGAAAAATGACATGGTGGATCAGATGCAGG
AAGATATAATCAGTTTATGGGATCAAAGCCTTAAGCCATGTGTAAAATTGACCCCA
CTCTGTGTCACCTTTAACTGTACAAATGCAACTGTAACTACAATAATACCTCTAAA
GACATGAAAAATTGCTCTTTCTATGTAACCACAGAATTAAGAGATAAGAAAAAGAA
AGAAAATGCACTTTTTTATAGACTTGATATAGTACCACTTAATAATAGGAAGAATGG
GAATATTAACAACTATAGATTAATAAATTGTAATACCTCAGCCATAACACAAGCCTG
TCCAAAAGTCTCGTTTGACCCAAATTCCTATACATTATTGTGCTCCAGCTGGTTATGCG
CCTCTAAAATGTAATAATAAGAAATTCAATGGAATAGGACCATGCGATAATGTCAG
CACAGTACAATGTACACATGGAATTAAGCCAGTGGTATCAACTCAATTACTGTTAAA
TGGTAGCCTAGCAGAAGAAGAGATAATAATTAGATCTGAAAATCTGACAAACAATG
TCAAAACAATAATAGTACATCTTAATGAATCTATAGAGATTAAATGTACAAGACC

FIGURE 16. CONTINUED

TGGCAATAATACAAGAAAGAGTGTGAGAATAGGACCAGGACAAGCATTCTATGCA
ACAGGAGACATAATAGGAGATATAAGACAAGCACATTGTAACATTAGTAAAAATGA
ATGGAATACAACCTTTACAAAGGGTAAGTCAAAAATTACAAGAACTCTTCCCTAATA
GTACAGGGATAAAATTTGCACCACACTCAGGAGGGGACCTAGAAATTACTACACAT
AGCTTTAATTGTGGAGGAGAATTTTTCTATTGCAATACAACAGACCTGTTTAATAGT
ACATACAGTAATGGTACATGCACTAATGGTACATGCATGTCTAATAATACAGAGCG
CATCACACTCCAATGCAGAATAAAACAAATTATAAACATGTGGCAGGAGGTAGGAC
GAGCAATGTATGCCCTCCCATTGCAGGAAACATAACATGTAGATCAAATATTACA
GGACTACTATTAACACGTGATGGAGGAGATAATAACTGAAACAGAGACATTTCAG
ACCTGGAGGAGGAGACATGAGGGACAATTGGAGAAGTGAATTATATAAATACAAG
GTGGTAGAAATTAAACCATTAGGAGTAGCACCCACTGCTGCAAAAAGGAGAGTGGT
GGAGAGAGAAAAAAGAGCAGTAGGAATAGGAGCTGTGTTCTTGGGTTCTTGGGAG
CAGCAGGAAGCACTATGGGCGCAGCATCAATAACGCTGACGGTACAGGCCAGACAA
TTATTGTCTGGTATAGTGCAACAGCAAAGTAATTTGCTGAGGGCTATAGAGGCGCAA
CAGCATATGTTGCAACTCACGGTCTGGGGCATTAAAGCAGCTCCAGGCAAGAGTCCTG
GCTATAGAGAGATACCTACAGGATCAACAGCTCCTAGGACTGTGGGGCTGCTCTGG
AAAACCTCATCTGCACCACTAATGTGCTTTGGAACCTCTAGTTGGAGTAATAAACTCA
AAGTGATATTTGGGATAACATGACCTGGATGCAGTGGGATAGGGAAATTAGTAATT
ACACAAACACAATATACAGGTTGCTTGAAGACTCGCAAAGCCAGCAGGAAAGAAA
TGAAAAAGATTTACTAGCATTGGACAGGTGGAACAATCTGTGGAATTGGTTTAGCAT
AACAAATTGGCTGTGGTATATAAAAATATTCATAATGATAGTAGGAGGCTTGATAG
GTTTAAGAATAATTTTTGCTGTGCTCTCTCTAGTAAATAGAGTTAGGCAGGGATACT
CACCTTGTCTATTGCAGACCCTTATCCCAAACCCGAGGGGACCCGACAGGCTCGGA
GGAATCGAAGAAGAAGGTGGAGAGCAAGACAGCAGCAGATCCATTTCGATTAGTGA
GCGGATTCTTGACACTTGCCTGGGACGACCTACGAAGCCTGTGCCTCTTCTGCTACC
ACCGATTGAGAGACTTCATATTAATTGTAGTGAGAGCAGTGGAACCTTCTGGGACAC
AGTAGTCTCAGGGGACTGCAGAGGGGGTGGGGAACCCCTTAAGTATTTGGGGAGTCT
TGTGCAATATTGGGGTCTAGAGTTAAAAAAGAGTGCTATTAATCTGCTTGATACTAT
AGCAATAGCAGTAGCTGAAGGAACAGATAGGATTCTAGAATTCATACAAAACCTTT
GTAGAGGTATCCGCAACGTACCTAGAAGAATAAGACAGGGCTTCGAAGCAGCTTTG
CAATAAAATGGGGGGCAAGTGGTCAAAAAGCAGTATAATTGGATGGCCTGAAGTAA
GAGAAAGAATCAGACGAACTAGGTCAGCAGCAGAGGGAGTAGGATCAGCGTCTCA
AGACTTAGAGAAACATGGGGCACTTACAACCAGCAACACAGCCCACAACAATGCTG
CTTGCGCCTGGCTGGAAGCGCAAGAGGAGGAAGGAGAAGTAGGCTTTCCAGTCAGA
CCTCAGGTACCTTTAAGACCAATGACTTATAAAGCAGCAATAGATCTCAGCTTCTTT
TTAAAAGAAAAGGGGGGACTGGAAGGGTTAATTTACTCCAAGAAAAGGCAAGAGAT
CCTTGATTTGTGGGTTTATAACACACAAGGCTTCTTCCCTGATTGGCAAACTACAC
ACCGGGACCAGGGGTCAGATTTCCACTGACCTTTGGATGGTACTTCAAGCTAGAGCC
AGTCGATCCAAGGGAAGTAGAAGAGGCCAATGAAGGAGAAAACAACCTGTTTACTAC
ACCCTATGAGCCAGCATGGAATGGAGGATGAAGACAGAGAAGTATTAAGATGGAAG
TTTGACAGTACGCTAGCACGCAGACACATGGCCCGCAGCTACATCCGGAGTATTAC
AAAGACTGCTGACACAGAAGGGACTTTCCGCTGGGACTTTCCACTGGGGCGTTCCAG
GAGGTGTGGTCTGGGCGGGACAGGGGAGTGGTCAGCCCTGAGATGCTGCATATAAG
CAGCTGCTTTTCGCCTGTACTGGGTCTCTCTAGGTAGACCAGATCTGAGCCCGGGAG

FIGURE 16 CONTINUED

CTCTCTGGCTATCTAGGGAACCCACTGCTTAAGCCTCAATAAAGCTTGCCTTGAGTG
CCTTGAGTAGTGTGTGCCCGTCTGTTGTGTGACTCTGGTAACTAGAGATCCCTCAGA
CCACTTGTGGTAGTGTGGAAAATCTCTAGCA

FIGURE 16 CONTINUED

105020" 52566860